

## Chrysanthemum plant named 'Ida'

### BACKGROUND OF THE INVENTION

'Ida' is a product of a breeding and selection program for outdoor pot mums (garden mums) which had the objective of creating new chrysanthemum cultivars with a decorative type flower, a natural season flower date around September 8 - 13; blooming for a period of 5 weeks. The new plant of the present invention comprises a new and distinct cultivar of Chrysanthemum plant 'Ida' is a seedling resulting from the open pollination among groups of chrysanthemum cultivars maintained under the control of the inventor for breeding purposes. The new and distinct cultivar was discovered and selected as one flowering plant by Mark Roland Boeder on a cultivated field in Rijnsenhout Holland in September 2001. The plant has been asexually reproduced by cuttings in greenhouses at Rijnsenhout Holland. The new cultivar has been found to retain its distinctive characteristics through successive propagations.

### BRIEF DESCRIPTION OF THE DRAWINGS

The present invention of a new and distinct variety of chrysanthemum is shown in the accompanying drawings, the color being as nearly true as possible with color photographs of this type.

FIG. 1 shows a plant of the cultivar in full bloom.

FIG. 2 shows the various stages of bloom and foliage of the new cultivar.

### DESCRIPTION OF THE INVENTION

This new variety of chrysanthemum is of the botanical classification *Chrysanthemum morifolium*. The observations and measurements were gathered from plants grown out door in Rijnsenhout, Holland under natural day length and temperature and planted in week 23 in 2002. The natural blooming date of this crop was September 8 - 13 (week 37). The average height of the plants was 35 cms. No growth retardants were used. No tests were done on disease or insect resistance or susceptibility. No tests were done on cold or drought tolerance. This new variety produces small sized blooms with pink ray florets and a purple center blooming for a period of 5 weeks.

From the cultivars known to inventor the most similar existing cultivar in comparison to 'Ida' is 'Medusa' (U.S. Plant patent application 10/317,044). When 'Medusa' and 'Ida' are being compared the following differences are noticed: The differences of 'Medusa' and 'Ida' are (1) Flower size. The flowers of 'Medusa' are larger than those of 'Ida' (2) Number of ray florets. The number of ray florets of 'Medusa' is smaller than that of 'Ida'. (3) Color of center of immature flowers. The center of immature flowers of 'Medusa' light purple, while that of 'Ida' is deep purple.

The following is a description of the plant and characteristics that distinguish 'Ida' as a new and distinct variety.

The color designations are taken from the plant itself. Accordingly, any discrepancies between the color designations and the colors depicted in the photographs are due to photographic tolerances. The color chart used in this description is: The Royal Horticultural Society Colour Chart, edition 1995.

Table 1. Botanical Description of cultivar 'Ida'

Bud

Size	Small; cross-section 0.7 cm, height 0.8 cm
Outside Color	Yellow-green 146D
Involucral bracts	2 rows, length 7 mm, width 3 mm
Involucral bracts among disc-florets	Not present
Involucral bracts color	Green 138A

Bloom

Type	Decorative
Size	Small
Fully Expanded	2.5 cm
Peduncle length	6 cm
Peduncle color	Green 138B
Number of blooms per branch	Approx. 8 blooms per branch
Performance on the plant	5 weeks
Seeds	Produced in small quantities, ovate grey-brown 199A, 1½ mm in length.
Fragrance	Typical chrysanthemum, slightly

Color

Center of the flower	Immature Red-purple 71A Mature Yellow-orange 15B
Color of upper surface of the ray-florets	Purple 75D
Color of the lower surface of the ray-florets	Purple 77B

Tonality from Distance	A garden mum with pink flowers and a purple disc
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Color of upper side of ray florets after aging of the flowers	Purple 75D
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#### Ray florets

Texture	Upper and under side smooth
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Number	180
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Cross-section	Flat
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Longitudinal axis of majority	Straight
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Length of corolla tube	Short, 0.3 cm
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Ray-floret margin	Entire
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Ray-floret length	1.4 cm
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Ray-floret width	0.4 cm
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Ratio length / width	Medium
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Shape of tip	Rounded
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#### Disc florets

Disc diameter	0.3 cm
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Distribution of disc florets	Few, visible only in mature flowers
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Shape	Tubular
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Color	Yellow-green 145C
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Receptacle shape	Domed flat
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#### Reproductive Organs

Stamen	Present in disc florets only
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Stamen color Yellow-green 144A

Pollen Produced in small amount

Pollen color Yellow 7A

Styles Thick

Style color Yellow 13A

Style Length 4 mm

Stigma color Yellow-green 144A

Stigma Width 1 mm

Ovaries Enclosed in calyx

#### Plant

Form A garden mum outdoor mounded and round

Growth habit Spreading

Growth rate High

Height 35 cm

Width 50 cm

Stem Color Yellow-green 147C with streaks of greyed-purple  
186B

Stem Strength Strong

Stem Brittleness Not brittle

Stem Anthocyanin Coloration Present

Internode length 1 cm

Length of lateral branch From top to bottom 14 cm

Lateral branch color Yellow-green 147C

Lateral branch, attachment Medium strength

Branching (average number of lateral branches)	Good with 7 breaks after pinching
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Natural season blooming date	September 8 – 13
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Foliage

Leaf color	Upper side Green 138A Under side Yellow-green 148C
Color midvein	Upper side Yellow-green 147D Under side Yellow-green 148D
Size	Small; length 3.5 cm, width 2.5 cm
Quantity (number per lateral branch)	16
Shape	Cordiform
Texture upper side	Glabrous
Texture under side	Pubescent
Venation arrangement	Palmate
Shape of the margin	Serrated
Shape of Base of Sinus Between Lateral Lobes	Rounded
Margin of Sinus Between Lateral Lobes	Diverging
Shape of Base	Truncate
Apex	Mucronate
Petiole length	1 cm
Petiole color	Yellow-green 147D

Table 2. Differences with the comparison variety

	'Ida'	'Medusa'
Flower size	2.5 cm	4.5 cm
Number of ray florets	180	130
Color center of immature flower	Red-purple 71A	Red-purple 64D